

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: David B. Hall EXAMINER: Michael A. Lyons
APPLN. NO.: 10/600,099 GROUP: 2877 CONF. NO. 7746
FILED: 06/20/2003 DOCKET: NGC-143/000221-199
TITLE: CALCULATION OF SENSOR ARRAY INDUCED PHASE ANGLE
INDEPENDENT FROM DEMODULATION PHASE OFFSET OF PHASE
GENERATED CARRIER

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JUL 07 2005

TRANSMITTAL LETTER

Commissioner for Patents
Mail Stop Amendment
Group Art Unit 2877
Attention: Examiner Michael A. Lyons
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please find enclosed the following documents pertaining to the above referenced application:

Credit Card Payment Form (PTO-2038)
23-page Response to Office Action

RECEIVED
OIP/PAF
JUL 12 2005

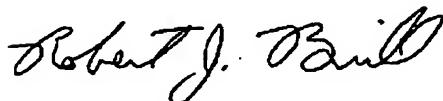
CLAIMS AS AMENDED

| | Claims as Amended | Minus Previously Paid For Claims | Difference x Rate | Fee |
|---------------------------|-------------------|----------------------------------|-------------------|-----------|
| Total Claims | 37 | - 33 | 4 x \$50.00 | \$ 200.00 |
| Independent Claims | 3 | - 3 | 0 x \$200.00 | \$0.00 |
| Multiple Dependent Claims | 0 | - 0 | 0 x \$360.00 | \$ 0.00 |
| TOTAL FEE | | | | \$100.00 |

Please charge the above fee of \$200.00 to the Patti & Brill, LLC Credit Card Account. In the event of under or over payment of a fee at anytime during the prosecution of the subject application, the Commissioner is hereby authorized to charge or credit the Patti & Brill, LLC Credit Card Account the amount necessary to correct the error. A duplicate copy of this sheet is attached.

CERTIFICATE OF FACSIMILE TRANSMISSION

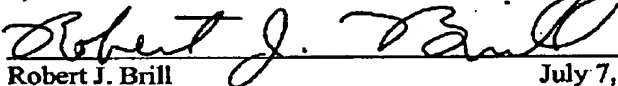
Respectfully submitted,



Robert J. Brill
Reg. No. 36,760

Patti & Brill, LLC
Customer Number 32205

I hereby certify that this correspondence is being sent via facsimile transmission to Commissioner for Patents, Mail Stop Amendment, Group Art Unit 2877, Attention: Michael A. Lyons, P.O. Box 1450, Alexandria, VA 22313-1450, at fax number (703) 872-9306, on July 7, 2005.



Robert J. Brill

July 7, 2005

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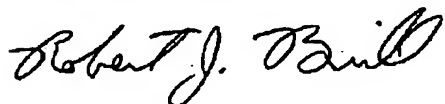
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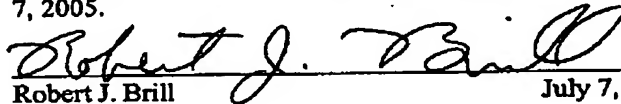
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July 7, 2005

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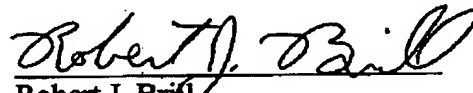
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Robert J. Brill
Attorney for Applicant
Reg. No. 36,760

Date of Signature: July 7, 2005

Commissioner for Patents
Mail Stop Amendment
Group Art Unit 2877
Attention: Examiner Michael A. Lyons
P.O. Box 1450
Alexandria, VA 22313-1450
Fax Number (703) 872-9306

RESPONSE TO OFFICE ACTION

Dear Sir:

This paper is filed in response to the Office Action mailed April 22, 2005 in connection with the above-designated application. A response to the Office Action is due July 22, 2005. Therefore, this Response is timely filed.

07/12/2005 SLUANG1 00000010 10600099

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